

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S188	0	(phase near4 printer) and (speed near4 control) and web and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/15 16:58
S189	0	(phase near4 printer) and ((speed near4 signal) near20 (cutter or cutting or blade)) and web and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 20:57
S190	0	(phase near4 printer) and ((speed near4 signal) near20 (cutter or cutting or blade)) and web and "101"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S191	0	(phase near4 printer) and ((signal) near20 (cutter or cutting or blade)) and web and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S192	0	("cut-and-space") near3 printer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S193	0	("cut and space") near10 printer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S194	0	(diaper or undergarment) and ("cut and space")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S195	0	(label) and ("cut and space")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44

## EAST Search History

S19 6	178	paragon.asn. and trade.asn. and diaper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S19 7	1	("6075178").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/14 19:44
S19 8	1	("5003876").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/14 19:44
S19 9	1	("5897541").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/14 19:52
S20 0	1	(phase near4 printer) and ((signal) near20 (cutter or cutting or blade)) and web and "101"/\$.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/15 15:39
S20 1	1	("cut-and-space") and web and "101"/\$.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S20 2	5	(phase near4 signal) and (printing or printer) and (diaper or absorbent) and "156"/\$.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S20 3	5	(phase near4 signal) and ((wet or wetness) and (detector or indicator)) and (diaper or absorbent) and "156"/\$.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S20 4	51	((wet or wetness) near10 (detector or indicator)) and (diaper or absorbent) and "156"/\$.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S20 5	5	S196 and phase and indicator and control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44

## EAST Search History

S20 6	5	(phase near4 signal) and (speed near4 signal) and (diaper or absorbent) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S20 7	9	((("4955265") or ("5130290") or ("5235515") or ("5286543") or ("5383988") or ("5766389") or ("6297424") or ("6307119") or ("6558499"))).PN.	USPAT	OR	OFF	2006/04/14 19:44
S20 8	27	(phase near4 signal) and (speed near4 signal) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S20 9	39	(phase near4 control) and (speed near4 control) and web and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S21 0	5	(phase near4 printer) and (speed near4 control) and web and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 22:52
S21 1	43	(phase near4 signal) and (speed near4 signal) and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S21 2	80	(83/361).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/14 19:44
S21 3	88	(83/362).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/14 19:44

## EAST Search History

S21 4	23	(phase near4 signal) and ((signal) near20 (cutter or cutting or blade)) and web and "101"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S21 5	27	(phase near4 signal) and ((signal) near20 (cutter or cutting or blade)) and web and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S21 6	10	(phase near4 signal) and ((signal) near20 (cutter or cutting or blade)) and web and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S21 7	25	(phase near4 signal) and ((signal) near20 (cutter or cutting or blade)) and (diaper or undergarment or absorbent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S21 8	71	(156/64.ccls. or 156/353.ccls. or 156/361.ccls.) and (diaper or undergarment or absorbent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S21 9	98	(rotary near10 print\$3) and (print\$2 near4 cylinder) and (diaper or undergarment or absorbent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S22 0	10	(rotary near10 print\$3) and (print\$2 near4 cylinder) and (diaper or undergarment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S22 1	62	(print\$2 near4 cylinder) and (diaper or undergarment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44

## EAST Search History

S22 2	100	(print\$3 near4 rotary) and (diaper or undergarment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S22 3	2	((("5897541") or ("6075175")).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/14 22:06
S22 4	56	(inductance near4 sensor) same (phase near4 signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S22 5	10	(diaper or undergarment) and (label near3 applicator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S22 6	5	(print\$2 near4 cylinder) and (idle near4 speed) and shutdown	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S22 7	2	("6,075,178").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/14 19:44
S22 8	2	(phase near4 signal) and ((wet or wetness) near10 (detector or indicator)) and (diaper or absorbent) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S22 9	2	("cut-and-space") near10 printer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S23 0	2	(diaper or undergarment) and ("cut-and-space")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44

## EAST Search History

S23 1	21	(print\$2 near4 cylinder) and (idle near4 speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S23 2	2	(phase near4 encoder) and (line near4 encoder) and (diaper or absorbent) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S23 3	10	(phase near4 encoder) and (line near4 encoder) and (diaper or absorbent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S23 4	178	paragon.asn. and trade.asn. and diaper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S23 5	111	(phase near4 signal) and (speed near4 signal) and "101"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S23 6	122	(101/481).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/14 19:44
S23 7	124	(83/363).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/14 19:44
S23 8	139	(rotary near10 print) and (diaper or undergarment or absorbent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44

## EAST Search History

S23 9	299	(101/486).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/14 19:44
S24 0	226	(83/76).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/14 19:44
S24 1	337	(diaper or undergarment) and ((indicator or graphic or image) near5 wetness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S24 2	375	(83/399).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/14 19:44
S24 3	353	(83/400).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/15 15:20
S24 4	354	(rotary) and (diaper or undergarment) and (graphic or image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S24 5	502	(diaper or undergarment) and ((indicator) and wetness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S24 6	591	(101/484).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/14 19:44

## EAST Search History

S24 7	575	(101/485).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/14 19:44
S24 8	638	(diaper or undergarment) and ((indicator or graphic or image) and wetness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 19:44
S24 9	1017	(156/361).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/14 19:44
S25 0	1464	(156/64).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/14 19:44
S25 1	2960	phase and printer and (motor) and speed and signal and graphics	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 22:36
S25 2	2	phase same printer same (motor) same speed same signal same graphic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 21:07
S25 5	0	phase and (diaper with graphic with printer) and (motor with speed with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 22:37
S25 6	0	phase and (diaper with graphic with printer) and (motor with speed I)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 22:37



## EAST Search History

S25 7	0	phase and (diaper with graphic with printer) and (motor with speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 22:37
S25 8	0	phase and (diaper with graphic with printer) and (motor with sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 22:37
S25 9	0	phase and (diaper with graphic with printer) and (motor with enocder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 22:37
S26 0	0	phase and (diaper with printer) and (motor with enocder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 22:37
S26 1	0	phase and (graphic with printer) and (motor with enoder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 22:37
S26 2	109	phase and (graphic with printer) and (motor with encoder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 22:51
S26 3	2	phase and (graphic with printer) and (motor with encoder) and diaper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 22:37
S26 4	975	printer and (speed near4 control) and web and (position with control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 22:52

## EAST Search History

S26 5	159	(118/674).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/15 15:20
S26 6	17	(phase near4 printer) and (web with speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/15 15:41
S26 7	1	(phase near4 printer) and (diaper with speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/15 15:41
S26 8	1	(phase with printer) and (diaper with speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/15 15:41
S26 9	1	(phase near4 cutter) and (diaper with speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/15 15:41
S27 0	47	("0815495"   "2110112"   "2942789"   "3526162"   "3623667"   "3645453"   "3712545"   "3877334"   "4019686"   "4116097"   "4140038"   "4266112"   "4328726"   "4440345"   "4509686"   "4567796"   "4594924"   "4620466"   "4735566"   "4787178"   "4875254"   "4876934"   "4903559"   "4913044"   "4931140"   "4962568"   "4966059"   "5031496"   "5083487"   "5161305"   "5199342"   "5269211"   "5295425"   "5330103"   "5339715"   "5365816"   "5576091").PN. OR ("6101912").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 15:48

## EAST Search History

S27 1	59	("4264957"   "4279369"   "4361269"   "4415978"   "4426898"   "4449433"   "4669344"   "4680205"   "4719575"   "4719855"   "4736446"   "4737904"   "4757930"   "4781090"   "4795510"   "4837715"   "4847775"   "4955265"   "4961149"   "4994975"   "5016182"   "5045135"   "5119725"   "5235515"   "5249139"   "5286543"   "Re35067"). PN. OR ("5659538").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 16:47
S27 2	0	(phase near4 printerI) and (speed near4 control) and (main with drive with velocity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/15 16:58
S27 3	9	("4837715"   "5045135"   "5068799"   "5286543"   "5359525"   "5659538"   "6236429"   "6404910"   "6565686"). PN. OR ("6888083").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:02